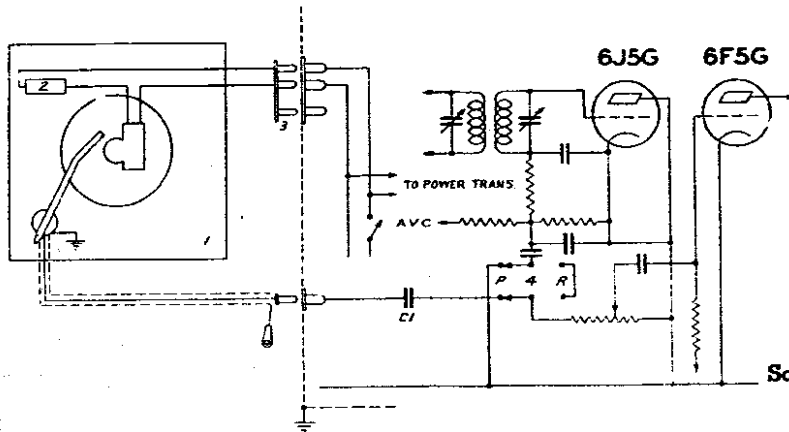


MODEL 10S599, Ch. 10A2R
 MODEL 4K600, Ch. 4B01

ZENITH RADIO CORP.



DIAG. NO.	PART NO.	DESCRIPTION	
C1	ZZ-1189	.00075 MFD.	500V
1	169-63	WEBSTER AUTOMATIC RECORD PLAYER	60v
2	85-191	A.C. SWITCH	50v
3	58-85	A.C. PLUG	
4	85-228	PHONO-RADIO SW.	

PHONO CIRCUIT DATA
 MODEL SPEAKER
 10S599 49-442-14"
 CHASSIS N°10A2R

Same as 10A2 with audio compensation revised to match new pickup.
 SEE ZENITH PAGE 12-23

ALIGNMENT INSTRUCTIONS

Chassis No. 4B01

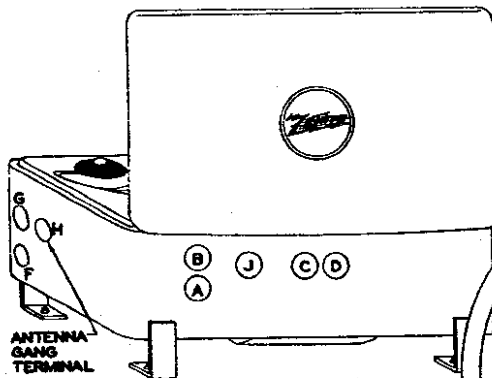


FIGURE NO. 1

FOR ALIGNMENT FREQUENCIES AND OTHER DATA SEE ZENITH PAGE 12-30 IN RIDER'S VOLUME XII.

The following ALIGNMENT PROCEDURE on Model 4K600 POKETRADIO must be carefully followed using a #MS-652 Zenith Alignment Jig to maintain actual shielding capacities during the balancing operations.

- Remove back of receiver.
- Remove "B" batteries.
- Remove case of receiver.

To remove case; first place receiver on bench with lid down, then place screw driver under spring clips and pry up, at the same time pulling case away from chassis. After spring clips have been released the case can be lifted off chassis. Next remove clips by turning and pulling away from chassis. Do not remove "A" Batteries. Place chassis in Alignment Jig as shown in Figure 1.

Connect one lead from the output meter to the bare jumper connecting the plates of the output tube (1S4) and the other output meter lead to B+ at the battery (blue wire). CAUTION — Keep signal from generator at minimum so A.V.C. action will not give a false peak.

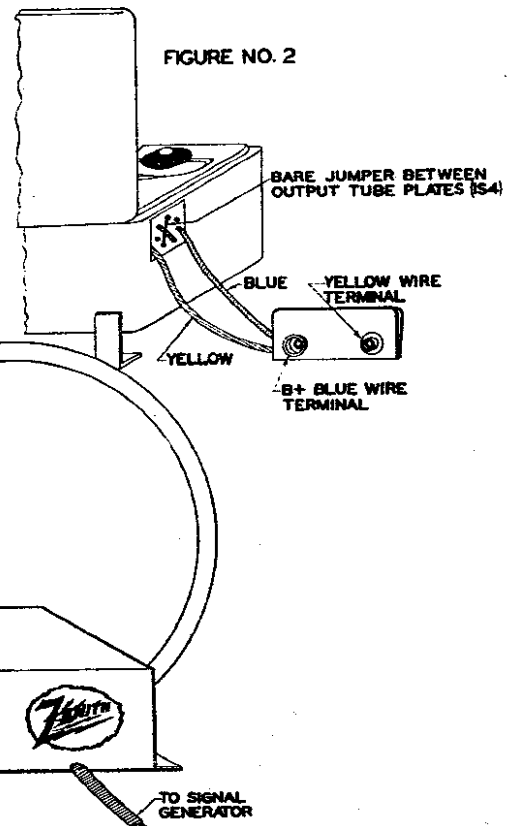
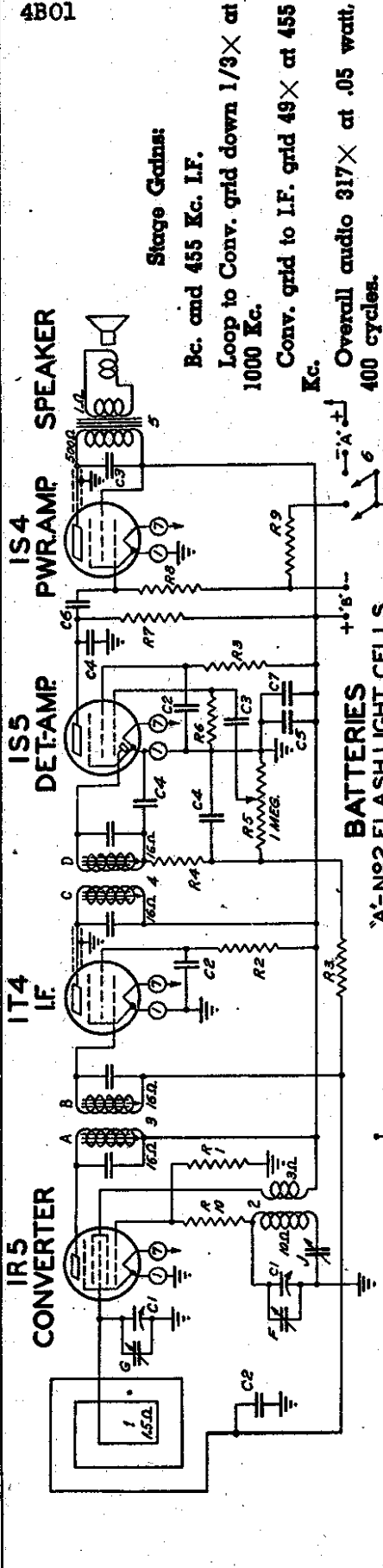


FIGURE NO. 2

MODEL 4K600 Chassis
4B01

ZENITH RADIO CORP.



Stage Gains:

Bc. and 455 Kc. I.F.
 Loop to Conv. grid down 1/3X at 1000 Kc.
 Conv. grid to I.F. grid 49X at 455 Kc.
 Overall audio 317X at .05 watt, 400 cycles.

BATTERIES
 'A'-N92 FLASHLIGHT CELLS
 'B'-EVEREADY N9467
 'C'-BURGESS N9XX46

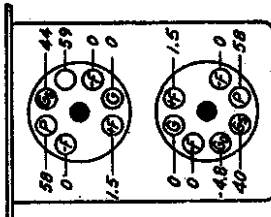
Tuning Ranges 540 Kc. to 1620 Kc.
 DENOTES CHASSIS 'GROUND'

IT4 I.F.

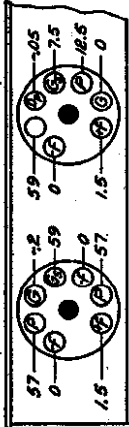
MODEL SPEAKER
4K600 49-433 3 1/2"

I.F. FREQUENCY 455 KC.
 4 TUBE SUPERHETERODYNE
 1 1/2 V.-BATTERY-PORTABLE
 CHASSIS N9 4B01

12/9/40



Operation	Connect Test Oscillator to	Dummy Antenna	Input Signal Frequency	Band	Set Dial At	Trimmers	Purpose
1	Converter Grid	.1 mfd.	455 Kc.	—	1600 Kc.	A, B, C, D	Align I. F.
2	1 Turn Loop Made from Generator Leads, Diameter Approx. 10"	—	1600 Kc.	—	1600 Kc.	F	Set Oscillator to Scale
3	See Note!	—	600 Kc.	—	600 Kc.	J	Rock Gang and Adjust for Max.
4	See Note!	—	1400 Kc.	—	1400 Kc.	G	Align. Antenna



IS4 PWR-AMP
 IS5 DET-AMP

All voltages measured with a 20,000 ohm per volt meter from chassis to socket contact indicated.
 All voltages are positive D.C. unless marked otherwise.
 Volume control full on.

TRIMMER LOCATIONS